

Docket No. 275155US0PCT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: Yoshinori KYOTANI, et al.

SERIAL NO: 10/544,881

GAU:

FILED: August 8, 2005

EXAMINER:

FOR: WATER-SOLUBLE PHENYLPYRIDAZINE DERIVATIVE AND MEDICINE CONTAINING THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

Applicant(s) wish to disclose the following information.

REFERENCES

- ☒ The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- ☒ Attached is a list of applicant's pending application(s), published application(s) or issued patent(s) which may be related to the present application. In accordance with the waiver of 37 CFR 1.98 dated September 21, 2004, copies of the cited pending applications are not provided. Cited published and/or issued patents, if any, are listed on the attached PTO form 1449.
- ☐ A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- ☐ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

- ☒ Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

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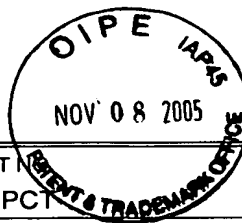
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Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
275155US0PC1SERIAL NO.
10/544,881

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Yoshinori KYOTANI, et al.

FILING DATE

August 8, 2005

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA	2005/0065155	03/24/05	OHKUCHI et al.			
	AB	2005/0085480	04/21/05	KYOTANI et al.			
	AC	2004/0147516	07/29/04	OHKUCHI et al.			
	AD	6 861 428	03/01/05	KYOTANI et al.			
	AE	6 869 954	03/22/05	KYOTANI et al.			
	AF	2002/0123496	09/05/02	OHKUCHI et al.			
	AG	6 680 316	01/20/04	OHKUCHI et al.			
	AH	6 403 586	06/11/02	OHKUCHI et al.			
	AI	6 664 256	12/16/03	OHKUCHI et al.			
	AJ	6 348 468	02/19/02	OHKUCHI et al.			
	AK	4 954 518	09/04/90	TAKANO et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AL	2 333 643	01/24/74	DE (equivalent of US 3840597)		NO
	AM	7-503017	03/30/95	JP (English abstract only & equivalent of WO 93/14081)		NO
	AN	0 376 288	07/04/90	EP		NO
	AO	97/05878	02/20/97	WO		NO
	AP	07-069894	03/14/95	JP (English abstract only & equivalent of EP 0628550)		NO
	AQ	99/10331	03/04/99	WO (English abstract only)		NO
	AR	99/10332	03/04/99	WO (English abstract only)		NO
	AS	00/24719	05/04/00	WO (English abstract only)		NO
	AT	98/41511	09/24/98	WO		NO
	AU	99/25697	05/27/99	WO (English abstract only & equivalent of US 6348468)		NO
	AV	99/44995	09/10/99	WO (English abstract only & equivalent of US 6403586)		NO
	AW	00/50408	08/31/00	WO (with English abstract & equivalent of US 6680316)		NO
	AX	02/04427	01/17/02	WO (with English abstract & equivalent of US 6664256)		NO
	AY	03/027077	04/03/03	WO (English abstract only & equivalent of US 6861428 & US 6869954)		NO
	AZ	2004/078751	09/16/04	WO (with English abstract)		NO

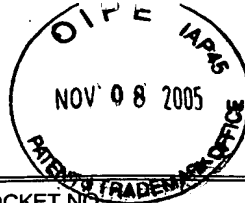
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AAA	OHZEKI et al. "Antirheumatic activities of KE-298, having an effect on IL-1 (1 st Report)", The Japan Inflammation Academy, 11 th session, with English translation 1990	
	AAB	CASINI-RAGGI et al. "Anti-inflammatory Effects of CGP 47969A, a Novel Inhibitor of Proinflammatory Cytokine Synthesis, in Rabbit Immune Colitis", Gastroenterology, vol. 109, pages 812-818 1995	<input checked="" type="checkbox"/> Additional References sheet(s) attached

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



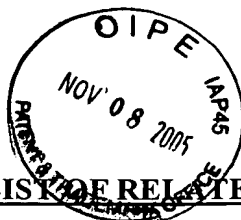
Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 275155US0PCT		SERIAL NO. 10/544,881	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Yoshinori KYOTANI, et al.			
				FILING DATE August 8, 2005		GROUP	
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AAC	TANAKA et al. "Hydroxyindole derivatives as inhibitors of IL-1 generation. II. Synthesis and pharmacological activities of (E)-3-(7-hydroxy-6-methoxyindole-4-yl)-2-methylpropenoic acid derivatives", Eur J Med Chem, vol. 31, pages 187-198 1996					
	AAD	KU et al. "Interleukin-1beta Converting Enzyme Inhibition Blocks Progression of Type II Collagen-induced Arthritis in Mice", Cytokine, vol. 8, no. 5, pages 377-386 1996					
	AAE	NANNINI et al. "Synthesis and pharmacological activity of some 5, 6-diphenyl-pyridazines", Eur J Med Chem, vol. 14, pages 53-60 1979					
	AAF	BONDESON et al. "Differential Effects of Tenidap on the Zymosan- and Lipopolysaccharide-Induced Expression of mRNA for Proinflammatory Cytokines in Macrophages", Biochemical Pharmacology, vol. 52, pages 35-42 1996					
	AAG						
	AAH						
	AAI						
	AAJ						
	AAK						
	AAL						
	AAM						
	AAN						
	AAO						
	AAP						
	AAQ						
	AAR						
	AAS						
Examiner					Date Considered		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



U.S. PCT Application Serial No.: 10/544,881
Docket No.: 275155US0PCT

STATEMENT OF RELEVANCY

- 1) References _____ have been cited in the International Search Report. Copies of these references are being submitted herewith only when not automatically provided by the International Searching Authority.
- 2) References _____ have been cited in the corresponding _____ Search Report. A copy of these references is being submitted herewith.
- 3) References AK-AP, AAA-AAE are discussed in the specification. A copy of these references is being submitted here with.
- 4) References AQ-AZ, AAF are additional prior art known to Applicant. A copy of these references is being submitted herewith.



LIST OF RELATED CASES

<u>Docket Number</u>	<u>Serial or Patent Number</u>	<u>Filing or Issue Date</u>	<u>Patent Appl. Publication No.</u>	<u>Inventor/ Applicant</u>
275155US0PCT*	10/544,881	08/08/05		KYOTANI, et al.
276967US0CONT	11/203,174	08/15/05		OHKUCHI, et al.
261450US0CONT	10/986,350	11/12/04	US2005/0065155 A1	OHKUCHI, et al.
259985US0CONT	10/960,993	10/12/04	US2005/0085480 A1	KYOTANI, et al.
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274520US0PCT	10/547,779	09/06/05		SATO, et al.

*Present Application; listed for information
NFO/hah